

# Koocanusa Transboundary Monitoring Project

## March 12, 2019 Technical Call

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### Agenda

1. Review Jan 30 Action Items and status updates
2. Discuss Large volume sampling logistics
  - a. how to collect the blanks, who obtains the blank water, shipping the blanks etc...
  - b. go over the large volume sampling schedule (confirm the number of months to sample, which months, should Teck and Corps collect on same day of month or within a week of each other etc...)
3. Identify any new/revised action items
4. Scheduling the next meeting / or confirm we're ready to report back to the full task group

**Status Updates on Jan 30 Action Items:**

<b>Item</b>	<b>Lead</b>	<b>Action</b>	<b>Status</b>	<b>Next Steps</b>
<b>1</b>	Teck	Look at lab procedures/detection limits, assess consistency with US methods for Nutrients; Water Chemistry; Dissolved Se	<b>Complete</b>	
<b>2</b>	US-ACE	Update 2019 sampling and analysis plan to include: sampling medium; constituents; sampling frequency; number of sites	<b>In Progress</b>	<b>Discuss large volume blanks and sampling frequency at Feb 28 meeting</b>
<b>3</b>	Teck	Develop summary table of activities taking place on Kootenai Reservoir in 2019 (add BC activities to existing table)	<b>In Progress</b>	<b>Estimated completion by end of March 2019</b>
<b>4</b>	Teck	Meet with US-ACE, discuss particulates logistics for lab analysis	<b>Complete</b>	
<b>5</b>	MT DEQ	Send Teck QAPPS/SAPPS for surface and benthic macroinvertebrates sampling from previous years	<b>Complete</b>	<b>N/A</b>
<b>6</b>	Teck	Evaluate MT DEQ's QAPPS/SAPPS for surface and benthic macroinvertebrates. Discuss with MT FWS/MT DEQ as needed to assess whether methods applied in BC can also be applied in US portion of the reservoir	<b>Complete</b>	
<b>7</b>	Teck	Meet with MT FWS to discuss logistics/arrangements for Fish sampling	<b>In Progress</b>	
<b>8</b>	Mich	Follow-up mid-February to check on status of action items and develop agenda for end February-28-March 12 call	<b>Complete</b>	<b>Review Jan 30 Action Items on March 12 call, identify next steps</b>
<b>9</b>	Mich	Summarize Jan 30 decisions and action items, circulate for review	<b>Complete</b>	<b>N/A</b>
<b>10</b>	Mich	Edit sampling matrix to clarify	<b>Complete</b>	<b>Circulate to rest of Transboundary Project Team at next meeting of full team</b>
<b>11</b>	Mich	Doodle/schedule Feb 28 call	<b>Complete</b>	<b>N/A</b>

## **For Reference from Previous Meeting (January 30, 2019)**

### **Decisions**

- Regarding line items #1, 2 and 4 (Nutrients; Water Chemistry; Dissolved Se)
  - Current methodologies used in Canada vs. US are different, we will move forward with those different approaches and evaluate whether changes are needed for consistency next year based on the results and whether we're seeing differences between the near-border sites
- Regarding Zooplankton:
  - US-ACE will procure an 80 micron mesh net for zooplankton – for consistency with Teck's approach in BC
  - US-ACE will not be conducting a full column sample. Teck will continue to do so and use the results to assess whether further discussion/analysis is needed on this point based on whether there are differences between the full column and the 10m depth samples
- Regarding Fish
  - Teck will come down to collect and process samples from MT FWS crew and will setup a contract to get those samples analyzed. Teck and MT FWS will connect to discuss logistics/arrangements
  - Teck is exploring options for the lab contract
- General
  - In-field work begins in April, need all these details finalized well in advance
  - Targeting end of February for next meeting
  - Expectation that results for today's action items and early iterations of any documents that require development will be ready for the February meeting

### **Action Items:**

1. Teck will look at lab procedures/detection limits to assess consistency with US methods for line items #1, 2 and 4 (Nutrients; Water Chemistry; Dissolved Se) (COMPLETE)
2. US-ACE will update 2019 sampling and analysis plan to include: sampling medium, constituents, sampling frequency, and number of sites(In Progress)
3. Teck will develop summary table (similar to the sampling matrix table for this project) that adds info about activities taking place in BC - Intent is for a table that reflects all 2019 sampling activities on the reservoir on both sides of the border (In Progress)
4. Teck will arrange meeting(s) with US-ACE to discuss particulates logistics for lab analysis (COMPLETE)
5. MT DEQ will provide QAPPS/SAPPS for surface and benthic macroinvertebrates sampling from previous years to Teck (COMPLETE)
6. Teck will evaluate MT DEQ's QAPPS/SAPPS for surface and benthic macroinvertebrates and discuss with MT FWS/MT DEQ as needed to assess whether methods applied in BC can also be applied in US portion of the reservoir (COMPLETE)
7. Teck will arrange meeting(s) with MT FWS to discuss logistics/arrangements for Fish sampling (In Progress)
8. Mich will summarize today's decisions and action items, circulate for review (COMPLETE)
9. Mich will edit Sample Matrix table to add comment on line Surface and benthic macroinvertebrates item to indicate that two different methodologies for two different components of the reservoir will be undertaken (COMPLETE)
10. Mich will send doodle poll for next call targeting end of February 2019 (COMPLETE)
11. Mich will follow-up mid-February to check on status of action items and develop agenda for end of February call (COMPLETE)